



WHAT IS PLACE VALUE?

Place value refers to the value of each digit in a number. For example, the number 113 has three "places"—or columns—each with a specific value. In this three-digit number, the 3 is in the "units" place, the 1 is in the "tens" place, and the 1 is in the "hundreds" place.

In other words, the 3 represents three single units, so the value of this number is three. The 1 is in the tens place, where values increase by multiples of 10. So, the 1 is worth five units of 10, or 1×10 , which equals 10. The 1 is in the hundreds place, so it represents one unit of 100, or 100^*

Why is place value important?

Place value is important because it helps you understand the meaning of a number. If people just used numbers randomly, no one would know which numbers people meant. You need place value to understand the order of numbers as well. If someone offered you 30 dollars or 99 dollars, you would need to know that 99 is more than 30 if you wanted the greater amount of money.

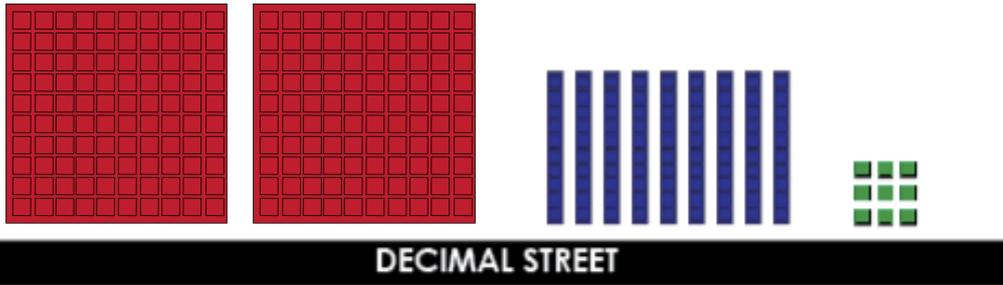
It's important to learn place value concretely from the beginning. Basic addition requires understanding of place value as importantly as the more advanced and complex algebraic equations.

“Place value is the understanding that the same numeral represents different amounts depending on which position it is in.” (Charlesworth, 2012)

“The most critical period in this development occurs in grades pre-K to 2” (Van de Walle, 2014)

At Maths Australia, we teach place value using [Decimal Street](#), where we show each unit, tens and hundreds has its own “house”. Therefore, the student gains a visual representation of the numbers and which values they represent.

2 9 9



2 HUNDREDS HOUSE

9 TENS HOUSE

9 UNITS HOUSE

equations as they progress through their understanding of maths.

We teach concrete. We teach mastery-based. We teach for success.

Come learn with us

* Source <https://www.thoughtco.com/understanding-place-value-2312089>



To find out more about the award-winning
Math-U-See program,

Contact us directly on 0432 264 822

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